

ABSTRACT

A soot particle sensor for an exhaust system of an internal combustion engine includes a first electrode device and a second electrode device. The electrode devices are situated at a distance from one another and are able to be exposed to the gas stream, at least in some areas. It is provided that the electrode devices are separated from each other by an intermediate layer made of an electrically insulating material, and the electrode devices have free edges that are set apart from each other by the thickness of the intermediate layer and are able to be exposed to the gas stream.